

IE 375 Spring 2020 Information on Exam I

First Exam will take place on March 12 2020 (Thursday) - 10:40 – 12:30 - EE-03.

What did we cover in class? The first three chapters are covered. Note that you are responsible from the readings of these sections (and the first three chapters) even if certain parts are not covered in class. The readings associated with the topics had been posted at the course WEB site earlier.

You are expected to go over the Comments for HW 1 and Comments for HW 2, as well as other readings at the WEB. Comments for homework are useful not only to find out possible approaches to the problems asked in the homework, but for other general hints and statements of general expectations, as well.

More information on the exam is presented below:

(1) Case questions: I'll mail a text on Monday late afternoon which represents a hypothetical case - please follow your e-mail. Questions based on this case will be part of the exam. You are expected to learn any words that you are not familiar in the supplied case. The text will be available in the exam – **DO NOT BRING YOUR COPY**. No questions on the meaning of the words in the case can be asked during the exam.

Typical questions on the case would be to structure (model) and analysis of all or one of the processes described. I can also give additional information, and ask questions related to both texts. Of course, there may be different questions depending on the case supplied.

(2) Please, read the questions carefully. Do not try to figure out the pattern of the question compared to what you solved before, as there is probably no intentional resemblance.

(3) If you cannot solve a part of a problem, and you think you need the solution of the part to go ahead for the next part, define a parameter for the value and proceed with that parameter.

(4) Numerical problems may be asked. I advise you to be systematic in computations – write the formula you are using and then start to play with number. If you only have numbers and incorrect solutions (or nothing but just a final number and even correct solution), you will never get the full grade.

(5) You are not expected to memorize any formula or (procedure - algorithm) like “solution techniques”, as they will be supplied in the exam, **without any explanation**. Additionally, you are not allowed to ask any questions about the meaning of those symbols in the formula or procedures supplied. This means you are expected to understand the logic of those beforehand. The supplied information is just to make sure that you do not miss anything.

(6) Modeling questions will be asked. Always define whatever symbols you are using. If you think that you need some assumptions or new definitions, state them clearly and explain the reason why you needed those. Additionally, conceptual questions which require concise explanations may be asked.

(7) Time usage in the exam will probably be important. To make sure that you can keep your concentration level high during the exam, you will not be allowed to ask any questions during the exam (except asking the meaning of some words that you may not know).

(8) No definitions will be asked, so you do not need to memorize any. However, you need to understand the definitions, as the questions may explicitly or implicitly ask for those.

(9) The exam will be closed book, closed notes. No cellular phones will be allowed. You should have phones switched off and put them away during the exam. You will need a calculator for the exam. You have to have your own calculator and other necessary supplies; **SHARING IS NOT ALLOWED**.

(10) Exam Duration: usually less than or equal to 120 minutes. However, the exact duration will be decided once the questions are set. Please do not ask – we will announce the duration in the classroom before we start the exam.